05-02-06

OIPE
MAY 01 2006
PATENT & TRADEMARK OFFICE

CASE ON/4-32572A

FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10

EV 727274529US — Express Mail Label Number

May 1, 2006 — Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF — Art Unit: 1614

FURET ET AL.

INTERNATIONAL APPLICATION NO: PCT/EP03/07350

FILED: 8 JULY 2003

U.S. APPLICATION NO: 10/520,567

35 USC §371 DATE: 24 AUGUST 2005

FOR: PHENYL-[4-(3-PHENYL-1H-PYRAZOL-4-YL-)PYRIMIDIN-2-YL]-AMINE DERIVATIVES

MS: Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants believe this paper is being filed before the mailing date of a first Office action on the merits, and so under 37 C.F.R. §1.97(b)(3) no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

The asterisked references were cited in the International Search Report and since copies of said references were forwarded by the International Bureau, only copies of the non-asterisked references are enclosed.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

Lydi M. Nally

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Lydia T. McNally
Attorney for Applicants
Reg. No. 36,214

Date: May 1, 2006

FORM PTO-1449 (REV. 7-85)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

OIPE MAY 01 2006 PATENT & TRADEMARK OFFICE

ATTY. DOCKET NO.
ON/4-32572A
APPLICATION NO.
10/520,567
APPLICANT
FURET ET AL.
FILING DATE
AUGUST 24, 2005
Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	6,306,883					
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	AM	*00 31063	6/2/00	WO			☐	☐
	AN	*02 46184	6/13/02	WO			☐	☐
	AO	*03 049542	6/19/03	WO			☐	☐
	AP	01 12621	2/22/01	WO			☐	☐
	AQ	01 14375	3/1/01	WO			☐	☐

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	CAPLUS Abstract Accession No. 2000:368337 & WO 00/31063 A1 (G D Searle & Co.) 6/2/00 (abstract)
	AS	
	AT	

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449 (REV. 7-85)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
ON/4-32572A
APPLICATION NO.
10/520,567
APPLICANT
FURET ET AL.
FILING DATE
AUGUST 24, 2005
Group

OIPE IAP92 MAY 01 2006 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						
	BL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	BM	01 85700	11/15/01	WO			☐	☐
	BN	01 60816	8/23/01	WO			☐	☐
	BO	95 19358	7/20/95	WO			☐	☐
	BP	98 56377	12/17/98	WO			☐	☐
	BQ	01 62233	8/30/01	WO			☐	☐

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	BR	
	BS	
	BT	

EXAMINER	DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449 (REV. 7-85)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.
ON/4-32572A
APPLICATION NO.
10/520,567
APPLICANT
FURET ET AL.
FILING DATE
AUGUST 24, 2005
Group

OIPE IAP82 MAY 01 2006 PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
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	BI						
	BJ						
	BK						
	BL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	BM	98 52940	11/26/98	WO			☐	☐
	BN						☐	☐
	BO						☐	☐
	BP						☐	☐
	BQ						☐	☐

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	BR	
	BS	
	BT	

EXAMINER	DATE CONSIDERED

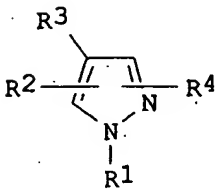
*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

(12)

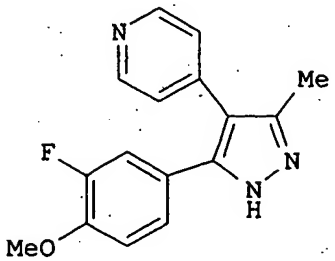
L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS
AN 2000:368337 CAPLUS
DN 133:4656
TI Preparation of heteroarylpyrazoles as p38 kinase inhibitors
IN Anantanarayan, Ashok; Clare, Michael; Collins, Paul W.; Crich, Joyce Z.; Devraj, Rajesh; Flynn, Daniel L.; Geng, Lifeng; Graneto, Matthew J.; Hanau, Cathleen E.; Hanson, Gunnar J.; Hartmann, Susan J.; Hepperle, Michael; Huang, He; Khanna, Ish K.; Koszyk, Francis J.; Liao, Shuyuan; Metz, Suzanne; Partis, Richard A.; Perry, Thao D.; Rao, Shashidhar N.; Selness, Shaun Raj; South, Michael S.; Stealey, Michael A.; Talley, John Jeffrey; Vazquez, Michael L.; Weier, Richard M.; Xu, Xiangdong; Yu, Yi
PA G.D. Searle & Co., USA
SO PCT Int. Appl., 1210 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000031063	A1	20000602	WO 1999-US26007	19991117
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1144403	A1	20011017	EP 1999-965756	19991117
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	BR 9915420	A	20020122	BR 1999-15420	19991117
	NO 2001002456	A	20010719	NO 2001-2456	20010518
	US 6423713	B1	20020723	US 2001-918481	20010731
PRAI	US 1998-196623	A	19981120		
	US 1997-47570P	P	19970522		
	US 1998-83670	B2	19980522		
	WO 1999-US26007	W	19991117		

OS MARPAT 133:4656
GI



I



II

AB Title compds. [I; R1 = H, OH, NH2, (cyclo)alk(en)yl, acyl, aryl, etc.; R2 = H, halo, alkyl, alkoxy, (un)substituted piperidinyl, etc.; R3 = pyridyl, pyrimidinyl, quinolyl, etc.; R4 = H, alkyl, heterocyclyl, aryl, etc.] were prepared by reaction of ketones with hydrazines. Thus, R3CH2COMe (R3 = 4-pyridinyl) was condensed with 3,4-F(MeO)C6H3CHO and the product cyclocondensed with TsNHNH2 to give title compound II. Data for biol. activity of I were given.

IT **271574-63-1P 271574-64-2P**
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of heteroarylpyrazole p38 kinase inhibitors by